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Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Kind Code/Number (if known)	Number			
		Re. 35,391		Brauman	12-03-1996	ALL
		3,194,239		Sullivan	01-16-1963	ALL
		4,298,998		Naficy	11-10-1981	ALL
		4,347,234		Wahlig et al.	08-31-1982	ALL
		4,365,572		Gullem et al. Stevenson, JV	11-02-1982	ALL
		4,511,653		Play et al.	04-16-1985	ALL
		4,703,108		Silver et al.	10/27/1987	ALL
		5,061,281		Mares et al.	10-29-1991	ALL
		5,085,629		Golberg et al.	02-04-1992	ALL
		5,120,802		Mares et al.	06-09-1992	ALL
		5,127,916		Spencer et al.	07-07-1992	ALL
		5,192,300		Fowler	03-19-1993	ALL
		5,195,988		Haaga	03-23-1993	ALL
		5,274,074		Tang et al.	12-28-1993	ALL
		5,433,751		Christel et al.	07-18-1995	ALL
		5,470,308		Edwards et al.	11-28-1995	ALL
		5,514,379		Weissleder et al.	05-07-1996	ALL
		5,522,896		Prescott	06-04-1996	ALL
		5,824,081		Knapp et al.	10-20-1998	ALL
		5,869,080		McGregor et al.	02-09-1999	ALL
		5,922,024		Janzen et al.	07-13-1999	ALL
		6,066,325		Wallace et al.	05-23-2000	ALL
		6,214,045	B1	Corbitt, Jr. et al.	04-10-2001	ALL
		2004/0024304	A1	Foerster et al.	02-05-2004	ALL
		2001/0034528	A1	Foerster et al.	10-25-2001	ALL
Examiner Signature		<i>Jessica L. Baxter</i>		Date Considered	12/20/04	



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Examiner's initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JLB		WANG HOM-LAY et al. "Evaluation of an Absorbable Collagen Membrane in Treating Class II Furcation Defects", pp 1029-1036. November 1994.	
		BROPHY M, REGINA et al. "Biodegradable Polyester Polymers as Drug Carriers". Pp 1-25.	
		SWARBRICK JAMES and BOYLAN JAMES. "Bioabsorbable Polymers." <i>The Encyclopaedia of Pharmaceutical Technology</i> , Vol. 1. Absorption of Drugs to Bioavailability of Drugs and Bioequivalence. New York and Basel. Pp 465-476.	
		PARK, KINAM; SHALABY, WALEED AND PARK HAESUN. "Biodegradable Hydrogels for Drug Delivery." <i>Purdue University School of Pharmacy</i> . Pp. 13-19.	
		TSCHAKALOFF A. et al. "Degradation Kinetics of Biodegradable implants depending on the site of Implantation." <i>Int. Journal of Oral & Maxillofacial Surgery</i> . 1994. Pp. 443-445.	
		VERT, MICHEL; MAUDUIT, JACQUES AND LI, SUMING. "Biodegradation of PLA/GA Polymers Increasing complexity." <i>Biomaterials</i> 1994 Vol. 15. No. 15. Pp. 1209-1213.	
		HOFFMAN, G.O. "Biodegradable Implants in Traumatology A Review on the State-of-the Art." <i>Arch Cathop Trauma Surgery</i> . 1995 Pp. 114: 123-132.	
		BOSTMAN, O. AND PIHLAJAMAKI, H. "Clinical Biocompatibility of Biodegradable Orthopaedic Implants for Internal Fixation." <i>Biomaterials</i> 21 (2000) Pp. 2615-2621.	
		ALONSO, MARIA J., GUPTA, RAJESH K. et al. "Biodegradable Microspheres as Controlled-Release Tetanus Toxoid Delivery Systems." <i>Vaccine</i> 1994 Vol. 12 No. 4. Pp. 299-304.	
		AN, YUEHUEI H., WOOLF, SHANE K., FRIEDMAN, RICHARD. "Pre-clinical in Vivo Evaluation of Orthopaedic Bioabsorbable Devices." <i>Biomaterials</i> 21 (2000) Pp. 2635-2652.	
		MOONEY, D.J. et al. "Transplantation of Hepatocytes Using Porous, Biodegradable Sponges." <i>Transplantation Proceedings</i> , Vol. 26, No. 6 Dec. 1994' Pp 3425-3426.	
		CUTRIGHT, DUANE E. et al. "Degradation Rates of Polymers and Copolymers of Poly(lactic and Poly(glycolic Acids)." U.S. Army Institute of Dental Research, Walter Reed Army Medical Center, Washington, D. C. Pp. 142-151.	
		KULKARNI, R. K. PHD. Et al.; "Poly(lactic Acid for Surgical Implants." <i>Arch Surgery</i> . Vol. 93, Nov. 1966 Pp. 839-843.	
		KULKARNI, R. K. PHD. Et al.; "Biodegradable Poly(lactic acid) Polymers." U.S. Army Institute of Dental Research, Walter Reed Army Medical Center, Washington, D. C. (1971) Vol. 5, Pp. 169-181	
		CHASIN, MARK AND LANGER, ROBERT. LEWIS, DANNY H. "Biodegradable Polymers as Drug Delivery Systems." <i>Controlled Release of Bioactive Agents from Lactide/Glycolide Polymers</i> Ch. 1 Pp -41 (1990). And BOGDANSHY, SIMON "Natural Polymers as Drug Delivery Systems." Pp. 231-259.	
		HUANG, SAMUEL J. et al.; "Hydrophilic-Hydrophobic Biodegradable Polymers: Release characteristics of Hydrogen-Bonded, Ring-Containing Polymer Matrices. (1994) <i>Biomaterials</i> (1994), Vol. 15 No. 15 Pp. 1243-1247.	
		BECKER, PAUL L. "Comparison of Antibiotic Release from Polymethylmethacrylate Beads and Sponge Collagen." <i>Journal of Orthopaedic Research</i> . (1994) Vol. 12, No. 5.	
		MACKINNON, SUSAN E. "Clinical Nerve Reconstruction with a Bioabsorbable Polyglycolic Acid Tube." <i>Plastic and Reconstructive Surgery</i> . March 1990.	
		NAKAMURA, T., et al. "New Bioabsorbable Pledgets and Non-Woven Fabrics Made from Polyglycolide (PGA) for Pulmonary Surgery: Clinical Experience." <i>Thoracic Cardiovascular Surgeons</i> . (1990) Pp. 81-85.	
		TONG, XIAO-JIE, et al; "Sciatic Nerve Regeneration Navigated by Laminin-Fibronectin Double Coated Biodegradable Collagen Grafts in Rats." <i>BRAIN RESEARCH</i> 663 (1994) Pp. 155-162.	
	MATSUSUE, YOSHITAKA, et al.; "In Vito and In Vivo Studies on Bioabsorbable Ultra-High-Strength Poly (L-Lactide) Rods." <i>Journal of Biomedical Materials Research</i> (1992) Vol. 28, Pp. 1553-1587.		
	HUTMACHER, DIETMAR. "A Review of Material Properties of Biodegradable and Bioreversible Polymers and Devices for GTR and GBR Applications." <i>The International Journal of Oral & Maxillofacial Implants</i> . (1996) Vol. 11 No 5. Pp. 667-678.		

Examiner
Signature

Jessica R. Baxter

Date
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12/20/04

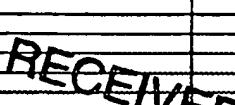
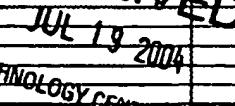
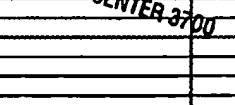


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Substitute for form 1449A/PTO		Application Number	09/776,125	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 3 of 3		Filing Date	February 2, 2001	
		First Named Inventor	Seth A. Foerster et al.	
		Group Art Unit	3731	
		Examiner Name	Jessica Baxter	
		Attorney Docket Number	END -723	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
	PARK, KINAM et al.; "Biodegradable Hydrogels for Drug Delivery." <i>Purdue University, School of Pharmacy.</i> Pp. 2-28			
	CHU, C.C. and DUMITRIU, SEVERIAN <i>Polymeric Biomaterials</i> 2 nd ed. "Biodegradable Biomaterials Having Nitric Oxide Biological Activity." Ch. 5. Pp 123-124. and ROKKANEN, PENTTI U. "Biabsorbable Polymers for Medical Applications with an Emphasis on Orthopedic Surgery. Ch. 20 Pp. 545-547.			
	MIDDLETON, John C. and TIPTON, ARTHUR; "Synthetic Biodegradable Polymers as Medical Devices." (March 1998) Pp. 1-14 of website: http://www.devicelink.com/mpb/archive/98/03/002.html . 08-28-2002.			
	TSURUTA, TEIJI ; KIMURA, YOSHIBARU Et al. "Biomedical Applications of Polymeric Materials." 1993 Pp. 164-186.			
	PARKER, STEVE H. and KLAUS, ANITA J. "Performing a Breast Biopsy with A Directional, Vacuum-Assisted Biopsy Instrument." <i>From the RSNA Refresher Courses- Continuing Education</i> (1997) Vol. 17 No. 5 pp. 1233-1252.			
	LEONARD, CHARLES MD. Et al. "Use of Ultrasound to Guide Radiation Boost Planning Following Lumpectomy for Carcinoma of The Breast." (Aug. 1993) <i>International Radiation Oncology Biology Phys.</i> Vol. 27. pp. 1193-1197			
  				
Examiner Signature	R. Baxter		Date Completed	
			12/20/04	

***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

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Sheet 1 of 2 Attorney Docket No. 032,290-108 (formerly END-723)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JB	1.	us-4,103,690	08/1978	Harris	
	2.	us-5,002,548	03/1991	Campbell, et al.	
	3.	us-5,024,727	06/1991	Campbell, et al.	
	4.	us-5,112,299	05/1992	Pascaloff	
	5.	us-5,133,661	07/1992	Euvrard	
	6.	us-5,158,565	10/1992	Marcadis, et al.	
	7.	us-5,192,292	03/1993	Cezana, et al.	
	8.	us-5,395,319	03/1995	Hirsch, et al.	
	9.	us-5,445,167	08/1995	Yoon, et al.	
	10.	us-5,469,854	11/1995	Unger, et al.	
	11.	us-5,496,314	03/1996	Eggers	
	12.	us-5,681,262	10/1997	Isse	
	13.	us-5,902,310	05/1999	Foerster, et al.	
	14.	us-6,053,925	04/2000	Barnhart	
	15.	us-5,645,566	07/1997	Brenneman	
	16.	us-5,670,161	09/1997	Brenneman	
	17.	us-4,230,123	04/1997	Hawkins	
	18.	us-6,347,241	02/2002	Burbank	
JB	19.	us-6,371,904	04/2002	Sirimanne	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code (if known)				
JB	20.	GB 2,132,091	07/1984	Norton, et al.		
	21.	WO 98/47430	10/1998	Vascular Science Inc.		
	22.	FR 2714284	06/1995	Leriche		
JB	23.	WO 96/08208	03/1996	Biopsys		

Examiner Signature

Jaxon R. Baxter

Date Considered

6/9/05

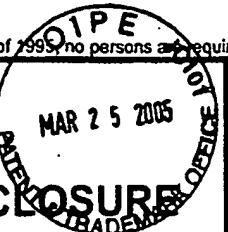
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Sheet		2	of	2	Attorney Docket No. 032,290-108 (formerly END-723)	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
JAB	24.	DE 4403789	08/1995	Schering AG		
JAB	25.	DE 4330958	03/1995	Schering AG		
JAB	26.	EP 0769281	04/1997	U.S. Surgical Corp.		

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published					T ²
JAB	27.	S.S. KRAMER, et al., "A Permanent Radiopaque Marker Technique for the Study of Pharyngeal Swallowing in Dogs", <i>Dysphagia</i> (1987) pp. 163-167					
JAB	28.	HOMER, et al., "The Geographic Cluster of Microcalcifications of the Breast", <i>Surgery, Gynecology & Obstetrics</i> (1985)					
JAB	29.	FINAN, et al., "Interstitial Radiotherapy for Early Stage Vaginal Cancer", <i>The Journal of Reproductive Medicine</i> (1993) Vol. 38, No. 3					
JAB	30.	DUFRANE, P. et al., "Prebiopsy Localization of Non-Palpable Breast Cancer", <i>Journal Belgede Radiologie</i> (October 1, 1990) Vol. 73, No. 5					

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<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p>		
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